

**AMENDMENTS TO THE DRAWINGS**

Submitted herewith please find 3 replacement drawing sheet in compliance with 37 C.F.R. § 1.84. The Examiner is respectfully requested to acknowledge receipt of these drawings. The submitted drawings are intended to replace the drawings previously submitted on October 29, 2003.

Attachment: Three Replacement Drawing Sheets (FIGS. 8-10)

**REMARKS**

**I. Formal Matters**

Claims 1-22 are all the claims pending in the present Application. Claims 1-22 have been examined.

Applicant thanks the Examiner for acknowledging the receipt of priority documents submitted under 35 U.S.C. 119(a)-(d). Applicant further thanks the Examiner for initialing the information disclosure statements (IDS) submitted on October 29, 2003 and February 16, 2006.

**II. Objection to Drawings**

The Examiner has objected to FIGS. 8-10. FIGS. 8-10 have been amended as requested by the Examiner. Applicant respectfully asserts that the amended figures are in compliance with 37 C.F.R. § 1.121(d).

**III. Claim Rejection Under 35 U.S.C. § 102**

The Examiner has rejected claims 1 and 12 under 35 U.S.C. § 102(a) as allegedly being anticipated by the allegedly admitted prior art (APA) of the present Application. Applicant respectfully disagrees.

With respect to claim 1, Applicant's APA does not disclose, or even suggest, at least a "means for **grouping all subcarriers into a plurality of subcarrier groups**."

The Examiner asserts that the claimed "means for grouping all subcarriers into a plurality of subcarrier groups" corresponds to the "adder" (element 807) described in the background section of the present Application. This is simply incorrect.

The adder (element 807) "receives outputs of the distributor 1 (803-1) to distributor N (803-N) and **combines output signals in a radio band** to output them to the receiving radio

section (808).” (See page 4, ll. 3-5). In other words, the output of the adder (807) is **a single combined signal**, and not a “plurality of subcarrier groups,” as recited in claim 1.

Moreover, not only does the Background of the present application fail to teach “grouping all subcarriers into **a plurality of subcarrier groups**,” it also fails to teach “calibrating a transmission route for each group,” as recited in claim 1.

Instead, as specifically described in the background section of the present Application, the related art devices have to “calibrate **all subcarriers in all transmission routes** in order to form an accurate transmission directivity pattern.” (See page 8, ll. 25-27).

For at least the above reasons, Applicant respectfully asserts that claim 1 is not anticipated by the disclosure of Applicant’s allegedly admitted prior art.

With respect to claim 12, Applicant respectfully asserts that claim 12 is allowable for at least the reasons analogous to those recited with respect to claim 1.

#### **IV. Allowable Subject Matter**

The Examiner is thanked for indicating that claims 2-11 and 13-22 would be allowable if rewritten in independent form. Applicant respectfully holds rewriting the allowable claims in abeyance until claims 1 and 12 have been reconsidered.

#### **V. Conclusion**

In view of the above, reconsideration and allowance of this application are now believed to be in order, and such actions are hereby solicited. If any points remain in issue which the Examiner feels may be best resolved through a personal or telephone interview, the Examiner is kindly requested to contact the undersigned at the telephone number listed below.

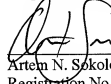
This Application is being filed via the USPTO Electronic Filing System (EFS). Applicant herewith petitions the Director of the USPTO to extend the time for reply to the above-identified Office Action for an appropriate length of time if necessary. Any fee due under 37 U.S.C. § 1.17(a) is being paid via the USPTO Electronic Filing System (EFS). The USPTO is also directed and authorized to charge all required fees, except for the Issue Fee and the Publication Fee, to Deposit Account No. 19-4880. Please also credit any overpayments to said Deposit Account.

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**23373**  
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Respectfully submitted,



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